Response to Office Action of: 27 April 2009

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AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (previously presented): Amino- and/or ammoniopolysiloxane compounds and salts thereof, comprising at least one functional group selected from the group consisting of formula (I) and formula (II):

$$-N$$
 N
 $-Si(OR)_{3-a}(R')_a$
(II)

wherein a is an integer from 0 to 2 and R and R' may be the same or different from one another and each represents an organic radical.

Claim 2 (previously presented): The compound according to Claim 1, comprising at least one functional group of the formula (I):

(I)

Claim 3 (previously presented): The compound according to Claim 1, comprising at least one functional group of the formula (II):

$$-Si(OR)_{3-a}(R')_a$$
 (II)

wherein R and a are each as defined above.

Claim 4 (currently amended): The compound according to $\frac{1}{2}$ claim 1, having at least three units selected from the units Q and V, wherein Q is at least one di-, tri- and/or tetravalent amino and/or ammonium group which is not bonded to V via a carbonyl carbon atom, and V is at least one organic unit which is bonded to the Q units via carbon, with the proviso that at least one of the units V contains a polyorganosiloxane radical.

Claim 5 (previously presented): The compound according to Claim 4, comprising at least two units V which contain a polyorganosiloxane radical.

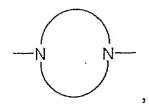
Claim 6 (previously presented): The compound according to Claim 4, comprising at least two Q units.

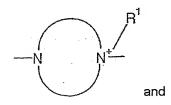
Claim 7 (previously presented): The according to claim 4, wherein the unit Q is selected from the group consisting of:

-NR¹-,

 $-N^{+}R_{2}^{1}$

a saturated or unsaturated, diamino-functional heterocycle which is optionally substituted by further substituents and is of the formulae has a formula selected from the group consisting of:

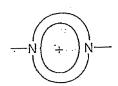




$$R^1$$
 N^{\pm}
 R^1

, and also

an aromatic, optionally substituted, diamino-functional heterocycle of the formula:



a trivalent radical of the formula:

a trivalent radical of the formula:

a tetravalent radical of the formula

wherein R¹ is in each case hydrogen or a monovalent organic radical, where Q is not bonded to a carbonyl carbon atom.

Claim 8 (currently amended): The <u>compound</u> according to claim 1, comprising at least one quaternary ammonium group.

Claim 9 (currently amended): The <u>compound</u> according to claim 1, comprising at least two quaternary ammonium groups.

Claim 10 (previously presented): The compound according to claim 4, wherein the unit V is selected from the group consisting of polyvalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 1000 carbon atoms (where the carbon atoms of the optionally present polyorganosiloxane radical are not counted), may optionally contain one or more groups selected from

-NR²- wherein R² is hydrogen, a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 300 carbon atoms, may contain one or more groups selected from -O-, -NH-, -C(O)- and -C(S)-, and may optionally be substituted by one or more substituents selected from the group which consists of a hydroxyl group, an optionally substituted heterocyclic group, polyether radicals, polyetherester radicals, polyorganosiloxanyl radicals and -Si(OR)_{3-a}(R')_a,

wherein a, R and R' are each as defined above, where, when a plurality of $-NR^2$ - groups are present, they may be the same or different, and with the proviso that the $-NR^2$ - group bonds to a carbonyl and/or thiocarbonyl carbon atom, -N— and polyorganosiloxane

bonds to a carbonyl and/or thiocarbonyl carbon atom, —\(\delta \)— and polyorganosiloxane radicals, and may optionally be substituted by one or more hydroxyl groups and/or groups of the formula (II)

$$-Si(OR)_{3-a}(R')_a$$

wherein a, R and R' are each as defined above,

and with the proviso that at least one V radical contains at least one polyorganosiloxane radical,

and wherein the polyvalent Q and V groups bonded to one another are saturated terminally by monovalent organic radicals.

Claim 11 (previously presented): The compound according to claim 10, wherein the polyorganosiloxane radical is a divalent group of the formula (III)

$$\begin{array}{c|c}
R^{3} & R^{3} & R^{3} \\
-Si - O - Si - O - Si - Si - Si - R^{3} \\
R^{3} & R^{3} & R^{3}
\end{array}$$
(III)

wherein the R^3 units may be the same or different and is are selected from the group consisting of C_1 to C_{22} -alkyl, fluoro(C_3 to C_{10})alkyl, C_6 – C_{10} -aryl and -W-Si(OR)_{3-a}(R')_a wherein R, R' and a are each as defined above and W is -O- or a divalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one or more -C(O)-, -O-, -NH-, -S- groups, and may optionally be substituted by hydroxyl, and n = from 0 to 1000.

Claim 12 (previously presented): The compound according to claim 10, comprising at least two V groups which contain a polyorganosiloxane radical.

Claim 13 (previously presented): The compound according to claim 4, wherein the compound contains at least one unit of the formula (IV):

$$-[Q-V]-$$
 (IV)

wherein Q and V are each as defined above, and the Q and V groups are saturated terminally by monovalent organic groups.

Claim 14 (previously presented): The compound according to claim 13, comprising at least two repeat units of the formula (IV).

Claim 15 (currently amended): The compound according to claim 4, wherein at least one of the V groups comprises a functional group of the formula (I)

Claim 16 (previously presented): The compound according to claim 1, wherein the compound contains at least one functional group (I) of the formula (Ia)

$$-U^{1}N \bigvee_{O} N-U^{1}$$
(Ia)

wherein

U¹ is selected from the group consisting of divalent radicals of the formulae:

$$-U^{\frac{2}{2}} - N - CO - N - U^{\frac{4}{4}}$$
 (Ib),

$$-U^{2} \underset{U^{\underline{5}}}{ \longrightarrow}$$
 (Id),

where

U² is bonded to the nitrogen atom of the functional group of the formula (I), and

 U^2 is a divalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one or more -O-groups,

U³ is hydrogen or a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one or more -O- groups and be substituted by OH, consisting of -W-Si(OR)_{3-a}(R')_a wherein R, R' are each as defined above and a = from 0 to 2 and W is a divalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one or more -C(O)-, -O-, -NH-, -S- groups, and may optionally be substituted by hydroxyl groups,

U⁴ and U⁵ are each divalent straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radicals which have up to 1000 carbon atoms and may optionally

contain one or more groups selected from -O-, -C(O)-, -N-, -NR²- wherein R² is as defined above, and which may optionally be substituted by one or more hydroxyl groups, with the proviso that the -N- and -NR²- groups are bonded to a carbonyl carbon atom.

Claim 17 (previously presented): The compound according to claim 1, wherein the group of the formula (II)

$$-Si(OR)_{3-a}(R')_a$$
 (II)

wherein a, R and R' are each as defined above is bonded to a carbon atom.

Claim 18 (previously presented): The compound according to claim 4, wherein at least one of the V or Q groups has a group of the formula (II)

$$-Si(OR)_{3-a}(R)_a$$
 (II)

wherein a, R and R' are each as defined above.

Claim 19 (previously presented): The compound according to claim 7, wherein the compound comprises a unit Q which has an R¹ radical which has a group of the formula (II)

$$-Si(OR)_{3-a}(R')_a$$
 (II)

Claim 20 (previously presented): The compound according to claim 4, comprising at least one unit V which contains a group of the formula (III)

$$\begin{array}{c|c} R^3 & R^3 \\ \hline -Si-O & Si-O \\ R^3 & R^3 \\ \end{array}$$

Claim 21 (previously presented): The compound according to claim 7, comprising at least one R¹ radical of the formula (VIIIa)

$$\begin{array}{c}
\downarrow_{6} \\
U^{7} - Si - U^{7} \\
\downarrow_{0}^{7}
\end{array}$$
(VIIIa),

wherein

U⁶ is a divalent straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may optionally contain one or more groups selected from -O-, -C(O)-, -NH- and -NU⁸-, or may optionally be substituted by one or more hydroxyl groups, in which wherein U⁸ is hydrogen or a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 100 carbon atoms and may contain one or more -O- groups and be substituted by OH, with the proviso that -NH- and -NU⁸- is bonded to a carbonyl and/or thiocarbonyl carbon atom, and

U⁷ is a monovalent, straight-chain, cyclic or branched, saturated, unsaturated or aromatic hydrocarbon radical which has up to 20 carbon atoms and may contain one or more -O-groups and be substituted by OH,

with the proviso that the U^7 radicals may be the same or different and at least one U^7 radical per silicon atom is bonded to the silicon atom via -O-.

Claims 22-25 (cancel)

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Claim 26 (currently amended): The process for preparing formulations comprising at least one compound according to claim 1.

- Claim 27 (currently amended): The formulation according to process of claim 26, comprising wherein the formulation comprises at least one solvent selected from water and organic solvents.
- Claim 28 (previously presented): An aqueous emulsion comprising the formulation according to Claim 1.
- Claim 29 (previously presented): An aqueous microemulsion comprising the formulation according to claim 28.

Claims 30-36 (cancel)